

C:\Users\Aditi\Desktop\Book.java - Notepad++

File Edit Search View Encoding Language Settings Tools Macro Run Plugins Window ?

Book.java

```
1  import java.util.*;
2  class Book {
3      String name;
4      String author;
5      float price;
6      int num_pages;
7      Book()
8      {}
9      Book(String name,String author,int price,int num_pages)
10     {
11         this.name=name;
12         this.author=author;
13         this.price=price;
14         this.num_pages=num_pages;
15     }
16     void display()
17     {
18         Scanner inp=new Scanner(System.in);
19         System.out.println("Enter name of book:");
20         name=inp.next();
21         System.out.println("Enter author of book:");
22         author=inp.next();
23         System.out.println("Enter price of book:");
24         price=inp.nextFloat();
25         System.out.println("Enter number of pages of book:");
26         num_pages=inp.nextInt();
27     }
28     public String toString()
29     {
30         return ("Name: "+name + "\n" + "Author: "+author + "\n" + "Price: "+price + "\n" + "Number of pages: "+num_pages );
31     }
32 }
33 class BookMain {
34     public static void main(String args[])
35     {
36         Scanner a=new Scanner(System.in);
37         System.out.println("Enter the number of books:");
38         int n=a.nextInt();
39         Book b[]=new Book[n];
40         for(int i=0;i<n;i++)
41         {
42             b[i]=new Book();
43             System.out.println("Enter the details of "+(i+1)+" book");
44             b[i].display();
```

Java source file

length: 1,242 lines: 52

Ln: 13 Col: 18 Sel: 0 | 0

Windows (CR LF) UTF-8 INS

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41         {
42             b[i]=new Book();
43             System.out.println("Enter the details of "+(i+1)+" book");
44             b[i].display();
45         }
46         for(int i=0;i<n;i++)
47         {
48             System.out.println("Details of book "+(i+1));
49             System.out.println(b[i]);
50         }
51     }
52 }
```

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Command Prompt

Microsoft Windows [Version 10.0.18362.1082]
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C:\Users\Aditi>cd C:\Users\Aditi\Desktop

C:\Users\Aditi\Desktop>javac Book.java

C:\Users\Aditi\Desktop>java BookMain

Enter the number of books:

1

Enter the details of 1 book

Enter name of book:

red

Enter author of book:

tre

Enter price of book:

334

Enter number of pages of book:

76

Details of book 1

Name: red

Author: tre

Price: 334.0

Number of pages: 76

C:\Users\Aditi\Desktop>_



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13-10-2020

